Fire Engine

INTRODUCTION

This project results in a great little toy for any child.

The intension was that the Fire Engine could be made using 6 to 7 mm stock. The easiest being MDF board, as it is readily available in this size range.

INSTRUCTIONS

Print out the plans (normally use A4, However if you want a larger to use A3 for example and scale the printout to fir the page)
Cut out the plans using a pair of scissors,
Attach the cut-outs to the stock using the spray adhesive (available from most craft shops)
Using appropriate tools cut away the waste materials (Drill, Saw etc)
Fit the pieces together like a jigsaw easing joints and applying glue as required.

OPTIONS

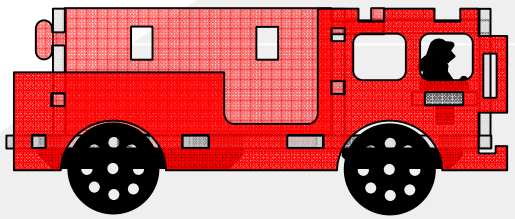
If you don't want to use the holes and tags approach to join the parts, you have a couple of options:
1 You could remove the tags, replacing them with dowels by drilling at the points where the holes are on the plans
2The tags could be removed and pieces could simply be glued in place.

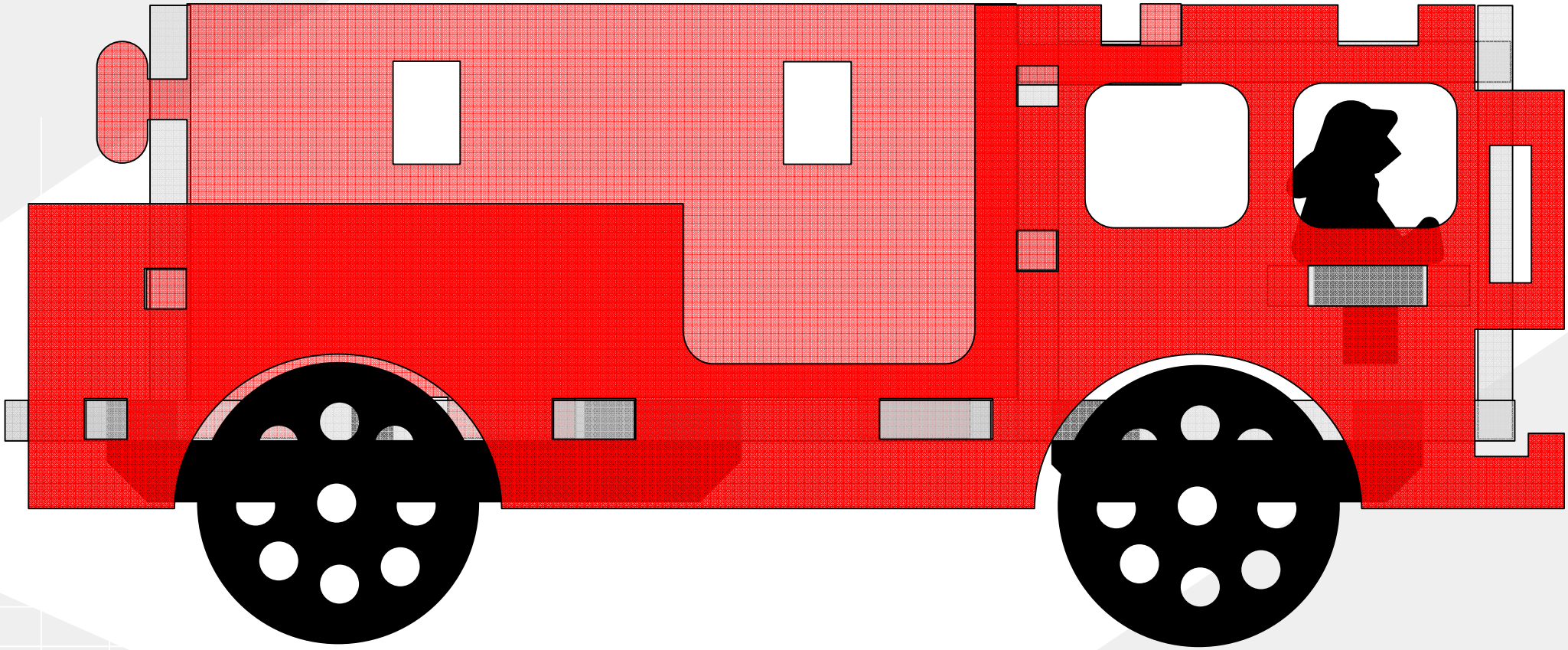
Option 1 would give a similar finish to the plans as they are now, but is easier to complete.
Option 2 would give an overall smoother finish, it is also the easiest, although would also be the weakest finished product.

Plan By : Kenneth Moore

TOOLS

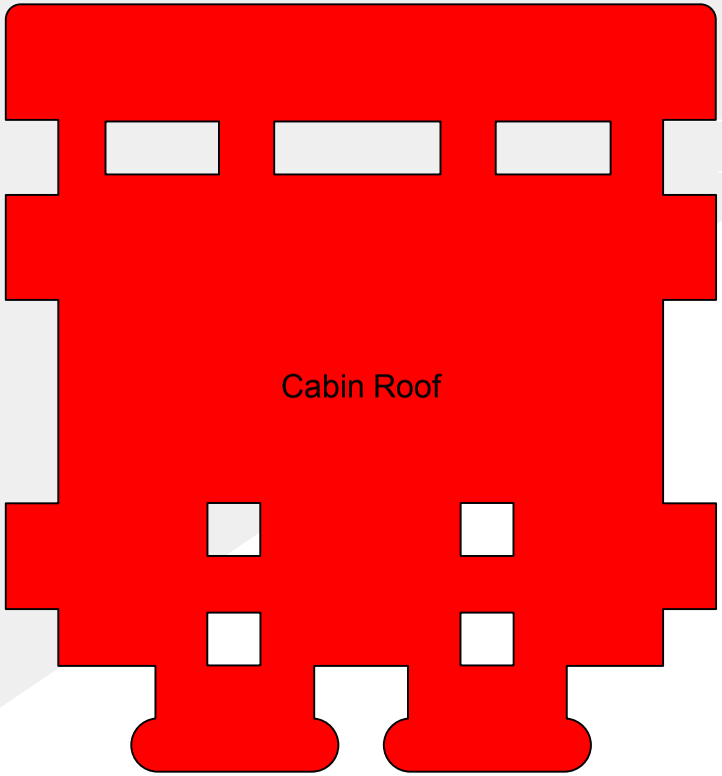
- Computer/Printer
- Threat Saw
- Sand Paper
- Drill or Mortiser
- Spray Adhesive
- Scissors
- PVA Glue

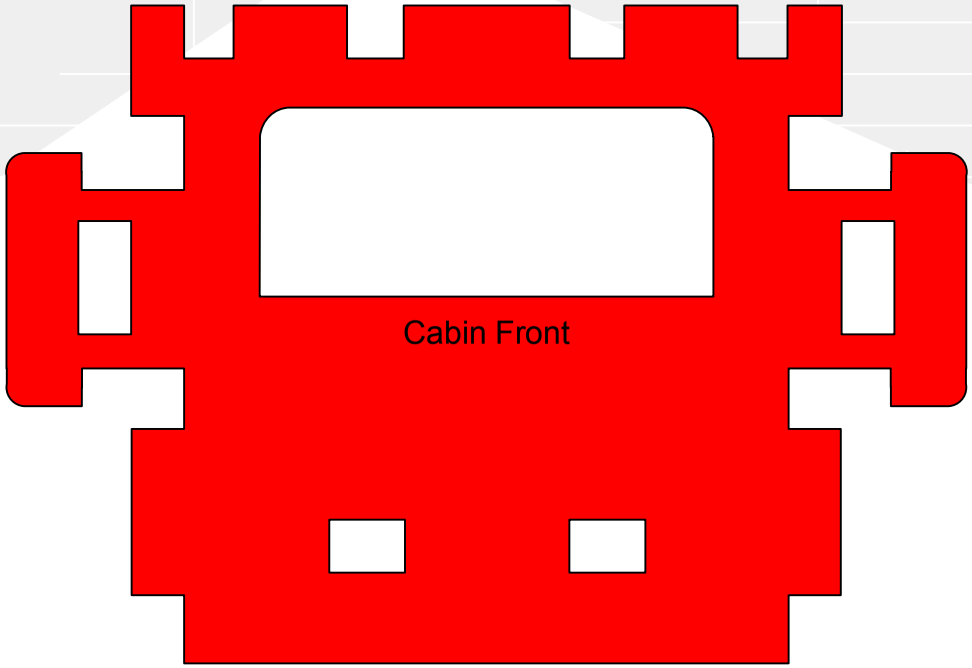


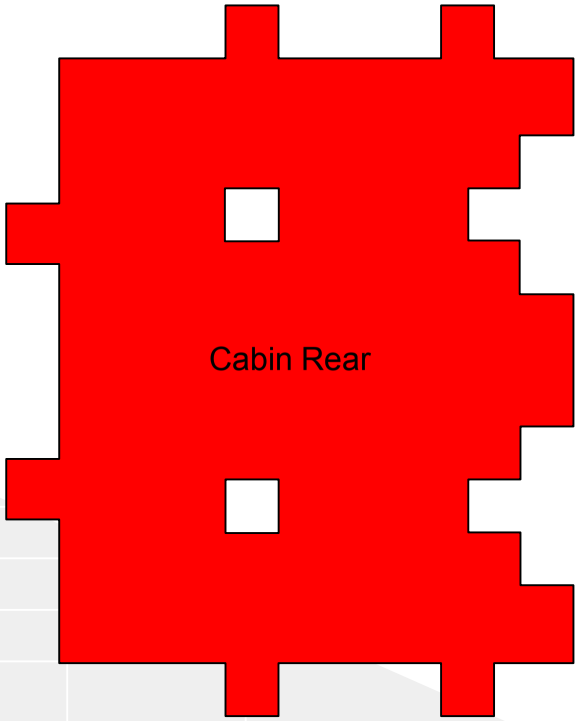


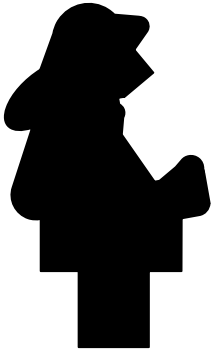
Fire Engine

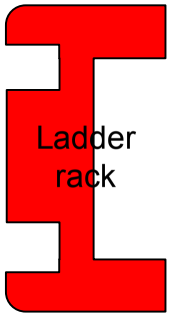
(Side Model View)





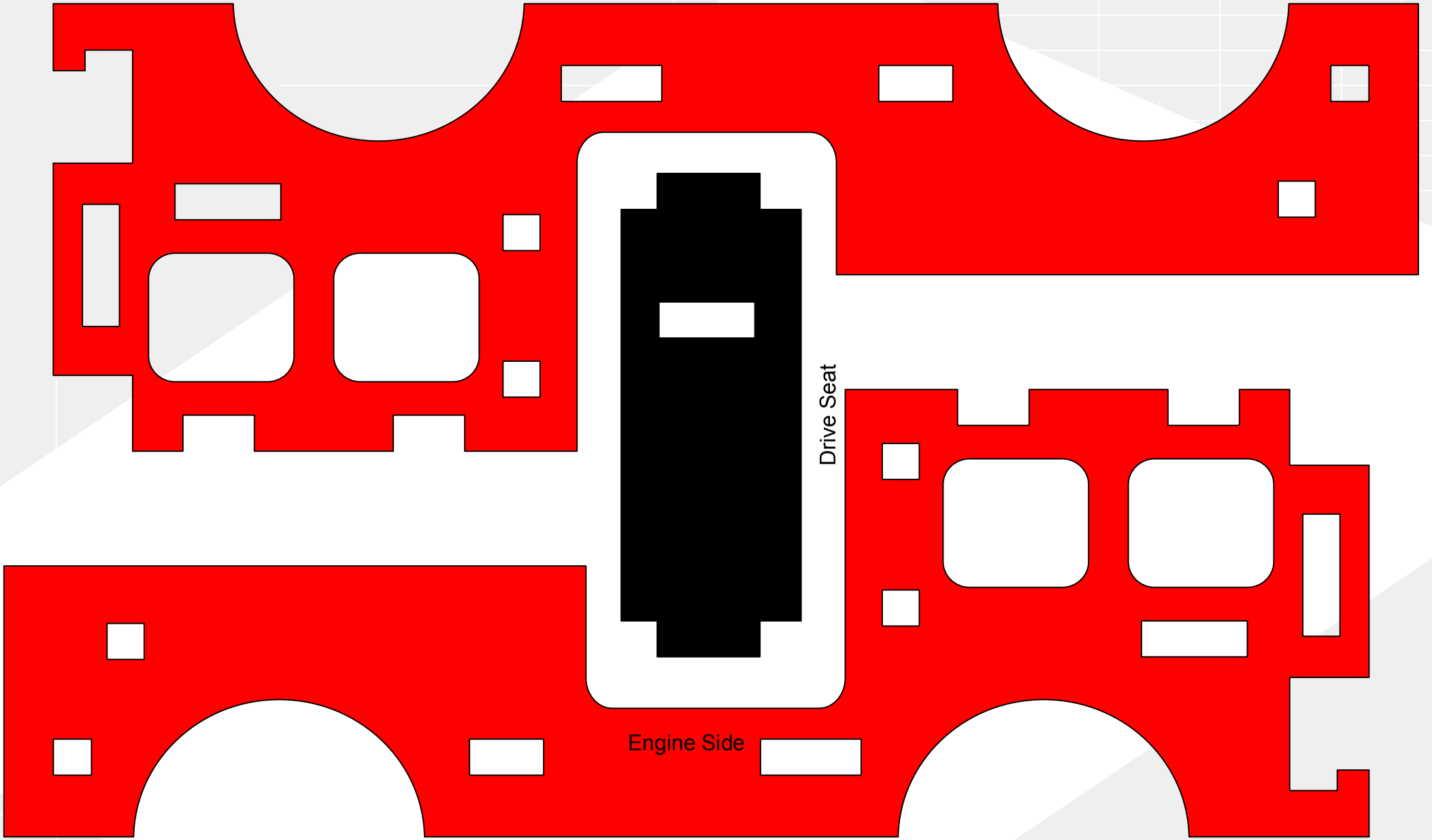






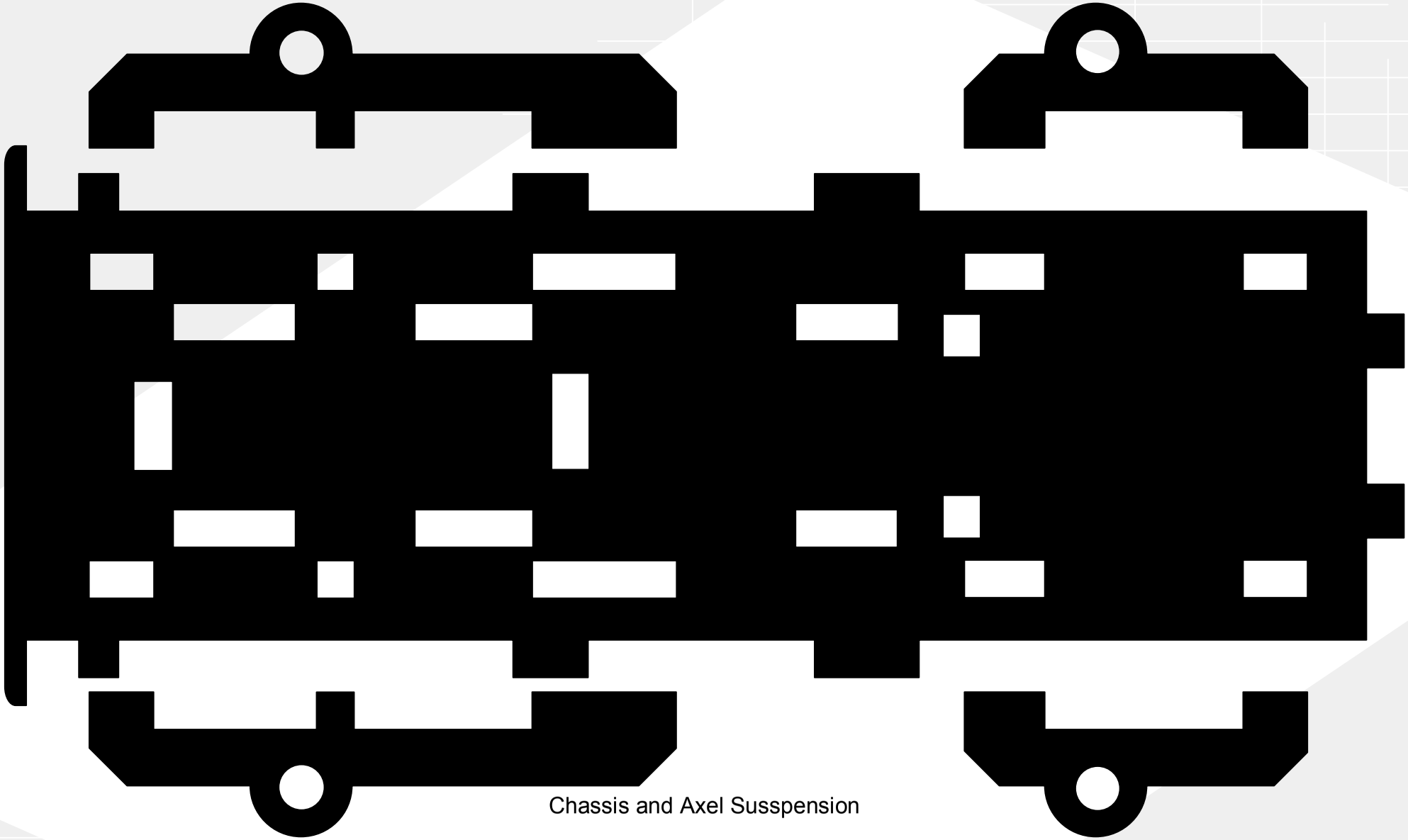
Fire Engine

(Cabin View)



Fire Engine

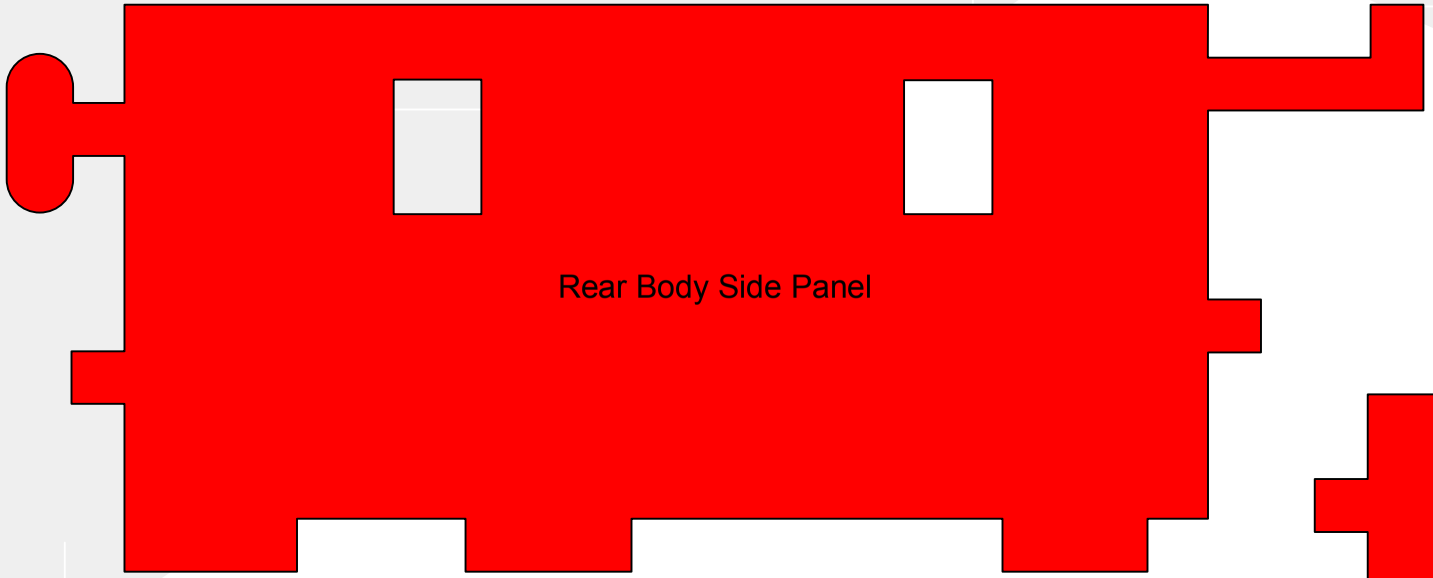
(Side Panell View)

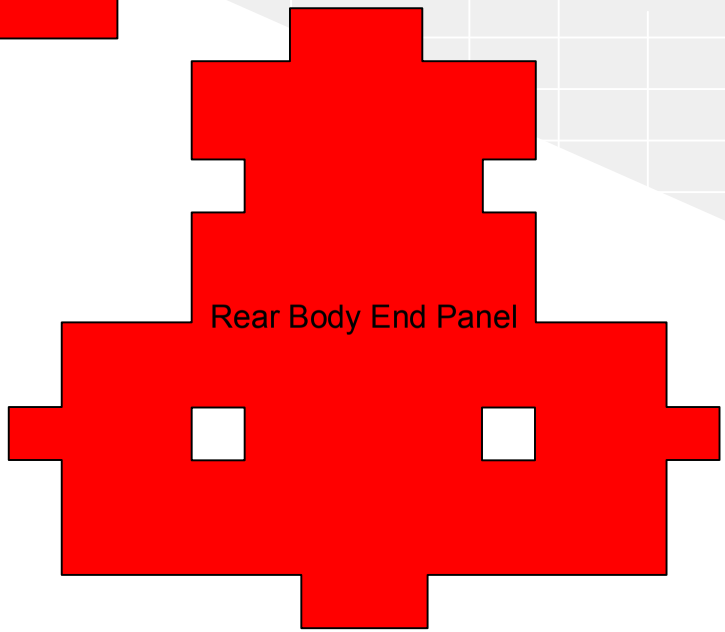


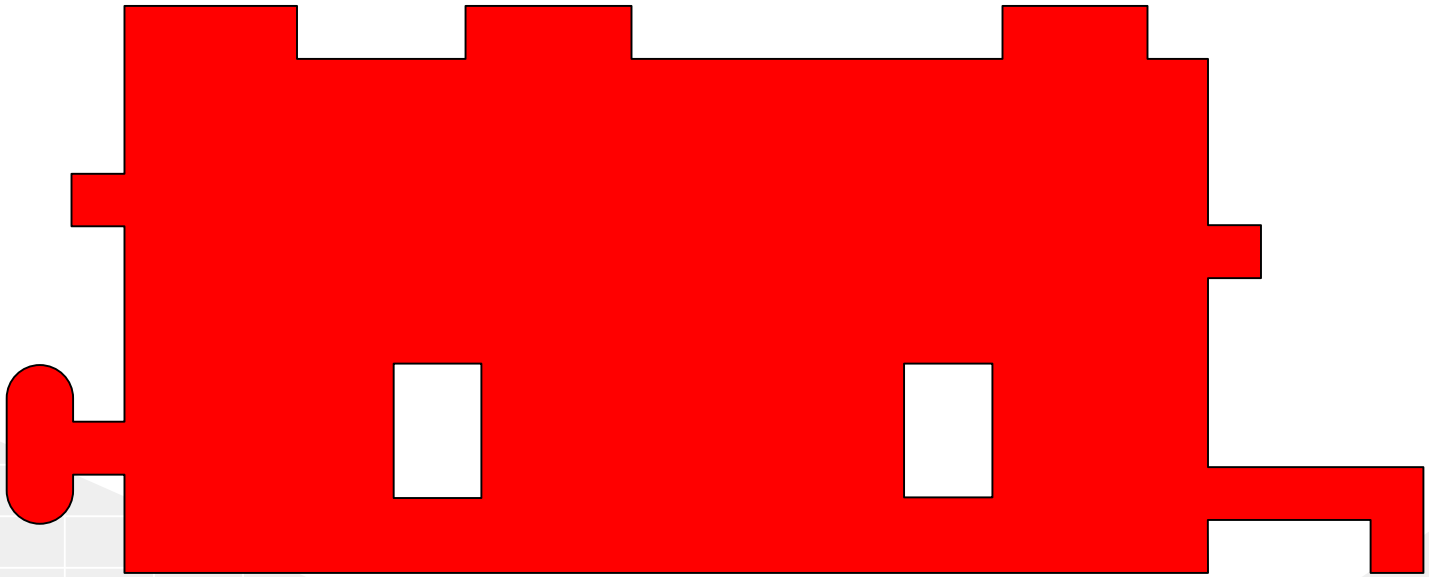
Chassis and Axel Susspension

Fire Engine

(Chassis View)

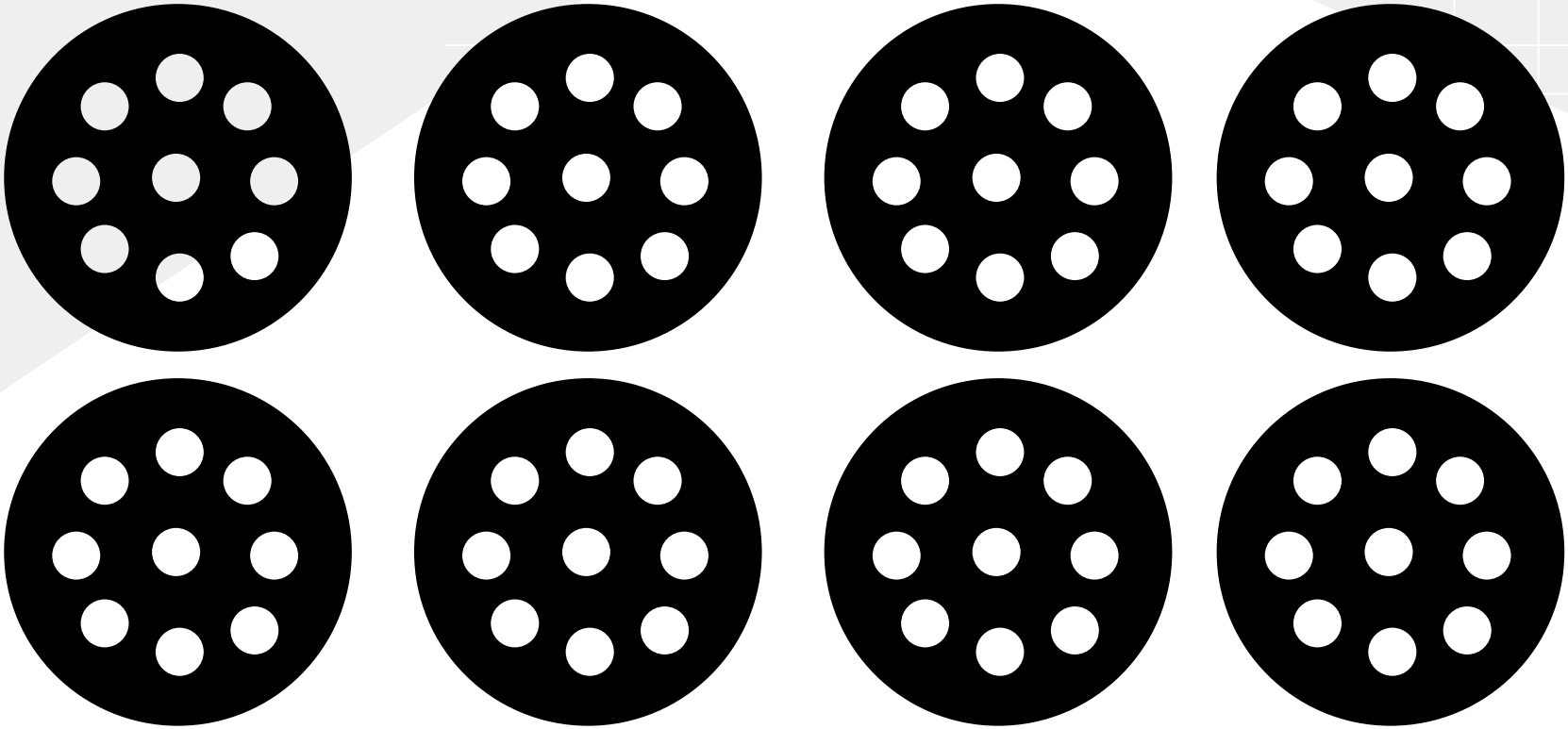






Fire Engine

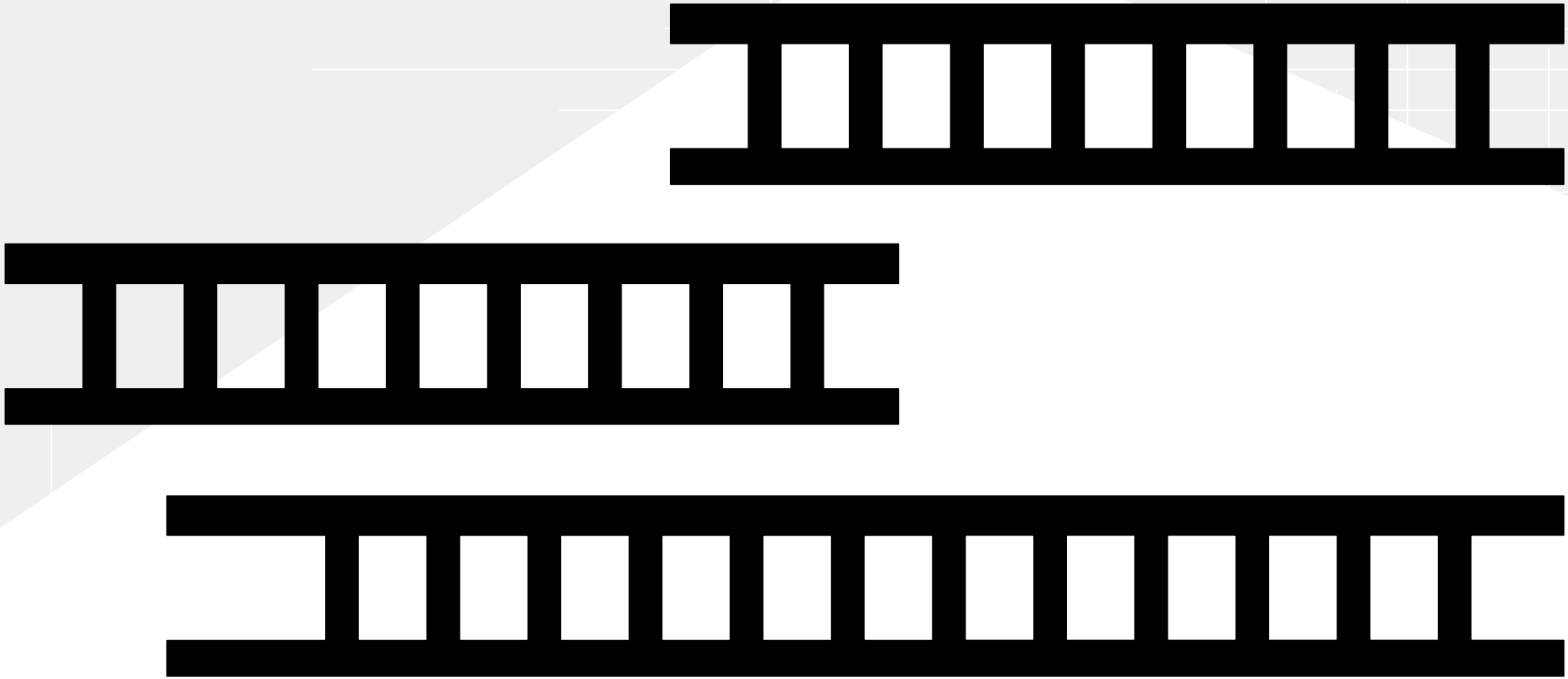
(Body View)



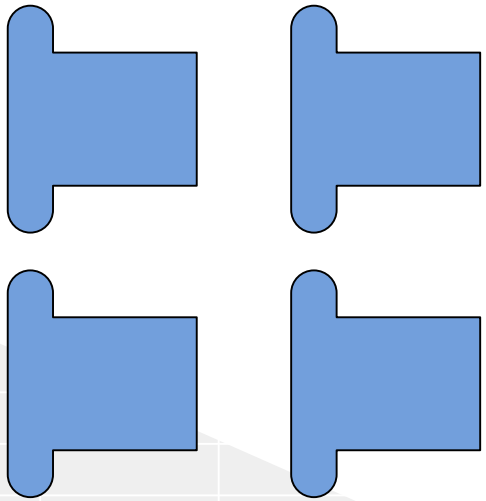
Wheels and Axel’s

Fire Engine

(Wheels / Axel View)



Ladders and Ladder Side Supports



Fire Engine
(Laddersl View)